

FEDERAL COMMUNICATIONS COMMISSION

**445 Twelfth Street, SW
Washington, DC 20554**

**MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS:** (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio/

PROCESSING ENGINEER: Jerome Manarchuck
TELEPHONE: (202) 418-7226
FACSIMILE: (202) 418-1411
MAIL STOP: 1800B3
E-MAIL: Jerome.Manarchuck@fcc.gov

September 9, 2011

Mark Lipp, Esquire
Wiley Rein LLP
1176 K St. NW
Washington, DC 20006

In re: Request for Experimental
Authority
Cumulus Licensing, LLC
W250BC, Atlanta, GA
Facility ID No.: 158597

Dear Counsel:


The staff has under consideration the request received on September 6, 2011, for experimental authority to permit W250BC to operate with a technology known as single sideband suppressed carrier (SSBSC) modulation of the stereo subcarrier in the FM multiplex baseband signal. The experimental authority is requested pursuant to 47 C.F.R. § 73.1510 for a period of one year.

The letter request states that W250BC, an FM translator station, is working with Omnia Audio to test whether multipath can be reduced through a reduction of occupied bandwidth and sideband pairs of the modulated carrier. In addition, the request indicates there are multiple benefits for the broadcast signal: A reduction in multipath induced distortion, additional protection to spectrum used for RDS, SCA signals, and HD-Radio content. There will be no changes to W250BC's licensed operation aside from operating with SSBSC modulation.

Accordingly, the requested experimental authority described above IS HEREBY GRANTED. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and the results obtained must be submitted within **ninety** days following the

conclusion of the experimental operation pursuant to 47 C.F.R. § 73.1510(d). This experimental authority expires on **September 9, 2012**. Any request for extension of this authority should be filed at least thirty days prior to this expiration date. **Additionally, such a request must include an interim version of the aforementioned report that details the progress of the experimental program as of the filing date.**

Sincerely,


Jerome J. Manarchuck
Audio Division
Media Bureau